

Population abundance occasional, distribution patchy. Growth habit erect.

The following were collected by Peter Cunningham, Dept. of Agriculture & Rural Affairs, Pastoral Research Institute, P.O. Box 180, Hamilton, Victoria 3300, Australia; Walter Graves, 7665 Volclay Drive, San Diego, California 92119-1219, United States; Saddik Saidi, Morocco; Mohammed Tazi, Morocco; Nezha Saidi, Morocco. Received 08/19/1994.

PI 598902. *Lolium perenne* L.

Wild. M210.CPG94; W6 15939. Collected 07/28/1994 in Morocco. Latitude 31 deg. 13' 42'' N. Longitude 7 deg. 25' 31'' W. Elevation 1970 m. South edge of Irherm on P31, Marrakech-Ouarzazate. Grazed, hay. Slope 11-40%, aspect E. Area open. Soil sandy loam on alluvial terrace on calcareous limestone, pH 9.5-10.0. Rainfall 300 mm. Moist, lower-mid slope. Vegetation closed, seasonal tall grass. Population abundant, distribution uniform. Growth habit erect.

PI 598903. *Festuca arundinacea* Schreb.

Wild. M211.CPG94; W6 15940. Collected 07/28/1994 in Morocco. Latitude 31 deg. 14' 59'' N. Longitude 7 deg. 24' 40'' W. Elevation 2040 m. 2 km north of Irherm on P31, Marrakech-Ouarzazate Hywy. Grazed, hay. Slope 0-5%, aspect SE. Area open. Soil hydromorphic red sandy loam on calcareous alluvium/limestone, pH 9.5-10.0. Rainfall 400 mm. Moist, stream terrace. Vegetation closed, seasonal tall grass. Population abundant, distribution uniform. Growth habit erect.

PI 598904. *Lolium perenne* L.

Wild. M224.CPG94; W6 15953. Collected 07/28/1994 in Morocco. Latitude 31 deg. 22' 15'' N. Longitude 7 deg. 23' 42'' W. Elevation 1580 m. 7 km north of Taddert on road P31, Marrakech-Ouarzazate. Grazed, hay. Slope 0-5%, aspect N. 1/4 shade. Soil sandy loam on calcareous schist alluvium, pH 9.5-10.0. Rainfall 800 mm. Moist, stream terrace. Vegetation closed, seasonal tall grass. Surrounding veg. degraded evergreen forest, agri. Population abundant, distribution uniform. Growth habit erect.

PI 598905. *Phalaris aquatica* L.

Cultivated. M225.CPG94; W6 15954. Collected 07/28/1994 in Morocco. Latitude 31 deg. 33' 4'' N. Longitude 7 deg. 35' 30'' W. Elevation 894 m. Near Taferiate/Ait-Ourir, 9 km east of Ait-Ourir on road P31, Marrakech-Ouarzazate. Past grazed, now cultivated. Slope 0-5%, aspect NE. 1/4 shade. Soil red sandy loam on calcareous schist/limestone, pH 9.5-10.0. Rainfall 350 mm. Seasonally dry, stream terrace. Vegetation closed, seasonal tall grass. Population abundance frequent, distribution patchy. Growth habit erect.

PI 598906. *Phalaris aquatica* L.

Cultivated. M231.CPG94; W6 15960. Collected 07/29/1994 in Morocco. Latitude 31 deg. 24' 17'' N. Longitude 7 deg. 49' 29'' W. Elevation 785 m. 1-4 km north of Dr. Caid Ourika on road S513, Marrakech-Setti Fatma. Past grazed, now cultivated. Slope 0-5%, aspect NE. Area open. Soil red loam on alluvium, pH 8.0. Rainfall 300-350 mm. Seasonally dry. Vegetation closed, seasonal tall grass. Surrounding veg. irrigated